AMENDMENTS TO THE CLAIMS

1. (Currently amended) A method of forming a coated substrate which comprises providing a substrate having a plasma polymer coating containing residual unpolymerized polymerizable functional groups thereon ~~formed during~~ which remain in the coating after a plasma polymerization is effected to form the coating, and without applying additional plasma to said substrate having a plasma polymer coating thereon, applying a radiation curable composition to the ~~resulting~~ provided plasma polymer-coated substrate ~~to which additional plasma has not been applied~~, wherein the radiation curable composition comprises at least one component which forms a reaction product with the residual unpolymerized polymerizable functional groups when radiation is applied, and radiation curing the radiation curable composition.

2. (Original) A method of forming a coated substrate according to claim 1, wherein the radiation curable composition is a radiation curable gravure ink.

3. (Original) A method of forming a coated substrate according to claim 1, wherein the radiation curable composition is a radiation curable flexographic ink.

4. (Original) A method of forming a coated substrate according to claim 1, wherein the radiation curable composition is a radiation curable lithographic ink.

5. (Original) A method of forming a coated substrate according to claim 1, wherein the radiation curable composition is a radiation curable ink comprising a colorant composition and a radiation curable liquid vehicle.

6. (Previously presented) A method of forming a coated substrate according to claim 5, wherein the radiation curable vehicle comprises an alpha, beta-ethylenically unsaturated compound.

7. (Original) A method of forming a coated substrate according to claim 6, wherein the alpha, beta-ethylenically unsaturated compound comprises a (meth) acrylate.

8. (Original) A method of forming a coated substrate according to claim 1, wherein the plasma polymer coating comprises a polymerized epoxide or (meth) acrylate.

9. (Original) A method of forming a coated substrate according to claim 1, further comprising forming said plasma polymer coating.

10. (Original) A method of forming a coated substrate according to claim 1, wherein said curing is electron beam curing.

11. (Original) A method of forming a coated substrate according to claim 1, wherein said curing is UV curing.

12. (Currently amended) A coated substrate comprising a substrate having a plasma polymer coating thereon and a radiation cured composition on the plasma polymer-coated substrate, wherein a portion of the plasma polymer and a portion of the radiation cured composition have formed a reaction product ~~and~~ without any plasma ~~has not been~~ applied to the plasma polymer coating after it is formed by plasma polymerization to contain residual unpolymerized polymerizable functional groups

thereon and no additional plasma has been applied thereto before the reaction product is formed.

13. (Original) A coated substrate according to claim 12, wherein radiation cured composition is a radiation cured gravure ink.

14. (Original) A coated substrate according to claim 12, wherein the radiation cured composition is a radiation cured flexographic ink.

15. (Original) A coated substrate according to claim 12, wherein the radiation cured composition is a radiation cured lithographic ink.

16. (Previously presented) A coated substrate according to claim 12, wherein the radiation cured composition is a radiation cured ink comprising a colorant and a radiation curable liquid vehicle.

17. (Previously presented) A coated substrate according to claim 16, wherein the vehicle comprises a polymerizable (meth) acrylate.

18. (Currently amended) A coated substrate according to claim 12, wherein the plasma polymer coating comprises a polymerized epoxide or (meth) acrylate.

19. (Previously presented) A coated substrate according to claim 18, wherein the radiation cured composition is a radiation cured ink comprising a colorant and a radiation curable liquid vehicle.

20. (Previously presented) A coated substrate according to claim 19, wherein the vehicle comprises a polymerizable (meth) acrylate.